

Application No.: 10/660226
Docket No.: BB1159USDIV

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Amendments to Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1.-11. (canceled).
12. (new) An isolated polynucleotide comprising:
 - (a) a nucleotide sequence encoding a polypeptide having shikimate kinase activity, wherein the polypeptide has an amino acid sequence of at least 80% sequence identity, based on the Clustal method of alignment, when compared to SEQ ID NO:10, or
 - (b) a full complement of (a).
13. (new) The polynucleotide of Claim 12, wherein the amino acid sequence of the polypeptide has at least 90% sequence identity, based on the Clustal method of alignment, when compared to SEQ ID NO:10.
14. (new) The polynucleotide of Claim 12, wherein the amino acid sequence of the polypeptide has at least 95% sequence identity, based on the Clustal method of alignment, when compared to one of SEQ ID NO:10.
15. (new) The polynucleotide of Claim 12, wherein the amino acid sequence of the polypeptide comprises SEQ ID NO:10.
16. (new) The polynucleotide of Claim 12 wherein the nucleotide sequence comprises SEQ ID NO:9.
17. (new) A vector comprising the polynucleotide of Claim 12.
18. (new) A recombinant DNA construct comprising the polynucleotide of Claim 12 operably linked to at least one regulatory sequence.
19. (new) A cell comprising the recombinant DNA construct of Claim 18.
20. (new) A plant comprising the recombinant DNA construct of Claim 18.
21. (new) A seed comprising the recombinant DNA construct of Claim 18.